

**IN THE CLAIMS:**

Please cancel claims 1-6 without prejudice to or disclaimer of the subject matter recited therein.

Please add new claims 7-13 as follows:

**LISTING OF CURRENT CLAIMS**

Claims 1-6. (Canceled)

Claim 7. (New) A power plug with an overload display comprising:

- a) a plurality of metal pins;
- b) an embedded block located around a periphery of the plurality of metal pins and having a thermochromic portion indicating an overload condition of the power plug; and
- c) a transparent housing covering a predetermined portion of each of the plurality of metal pins and the embedded block, wherein, when the power plug is in the overload condition, the thermochromic portion is visible from an exterior of the housing.

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Claim 8. (New) The power plug according to claim 7, wherein the thermochromic portion of the embedded block includes thermochromic materials integrally formed therein.

Claim 9. (New) The power plug according to claim 7, wherein the thermochromic portion of the embedded block is a thermochromic film located on an outer periphery of the embedded block.

Claim 10. (New) The power plug according to claim 7, wherein the thermochromic portion of the embedded block is warning characters printed with thermochromic materials on an outer periphery of the embedded block.

Claim 11. (New) The power plug according to claim 7, wherein the housing includes thermochromic materials integrally formed therein.

Claim 12. (New) The power plug according to claim 7, further comprising a light emitting diode located in the housing and a detecting transistor controlling the light emitting diode, wherein the light emitting diode emitting a light when the power plug is in the overload condition.

Claim 13. (New) The power plug according to claim 7, wherein the thermochromic portion is made of Polybutylene Terephthalate.